

I am ham radio operator (Extra class, licensed since 1966), and a communications engineer with over 30 years of experience in the government (FEMA) and private industry with wireless chipsets.

I am strongly opposed to Power Line Communications (PLC) initiative, also known as Broadband Over Power Line (BPL). Allowing this form of digitally modulated signals over the ubiquitous power line infrastructure would severely interfere with Amateur Radio communications in the HF and UHF bands.

Several studies in Japan and other countries have shown evidence that the noise-floor level caused by PLC exceeds the level of galactic noise by more than 30 dB. In both HF and UHF band, the interferences exceeded the limit of harmful interference level for radiop astronomical observation which is given in Recommendation ITU-R TA769-1.

Please do not allow PLC for the sake of continued interference-free Amateur Radio operations.

Signed,
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